IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended): An angular-position magnetic-sensor device comprising:

~~at least one~~ a stator and ~~one~~ a rotor, wherein the rotor is made of a ferromagnetic material and disposed in an interior of the stator, said rotor including two rotor parts that each include a magnetic pole, and said two rotor parts are separated from one another by a magnet;

a space between said stator and a magnetized portion of said rotor, defining over substantially 360°, as a main air gap ~~including at least two movable magnetic poles of alternating polarities~~; and

said stator including ~~at least one~~ two secondary air ~~gap~~ gaps, wherein at least one of the two secondary air gaps includes a ~~in which there is placed at least one~~ magnetosensitive element, and entire sides of said two secondary air gaps respectively extend according to two parallel straight lines,

wherein said stator includes two pole shoes having angular widths that are substantially equal to 120° and 240° respectively that surround the rotor~~, and the two magnetic poles each have an angular width substantially equal to 120°~~.

2. (Canceled).

3. (Canceled).

4. (Canceled).

5. (Currently Amended): The angular-position magnetic-sensor device according to claim 1, wherein the sides of said secondary air ~~gap~~ gaps are oriented radially.

6. (Canceled).

7. (Canceled).

8. (Canceled).

9. (Canceled).

10. (Canceled).

11. (Previously Presented): The angular-position magnetic-sensor device according to claim 1, wherein the rotor and the stator are disposed axially.

12. (Canceled).

13. (Canceled).

14. (Currently Amended): The angular-position magnetic-sensor device according to claim 1 [[13]], wherein the two rotor parts forming the rotor are separated by an axially magnetized disc magnet.

15. (Currently Amended): The angular-position magnetic-sensor device according to claim 1, wherein the two rotor parts of the rotor ~~comprises~~ are ~~at least~~ two transversely separate parts.

16. (Currently Amended): The angular-position magnetic-sensor device according to claim 15, wherein the two rotor parts ~~forming~~ of the rotor are separated by a transversely magnetized parallelepiped magnet.

17. (Currently Amended): The angular-position magnetic-sensor device according to claim [[13]] 1, wherein the two rotor parts of the rotor are separated by an axially magnetized annular magnet.

18. (Canceled).

19. (Currently Amended): The angular-position magnetic-sensor device according to claim [[18]] 1, wherein the magnet has a parallelepiped shape.